

REMARKS

The claims have been substituted to remove multiple dependent claims and to conform to U.S. Patent Office practice. Please enter this amendment before calculating the filing fees.

Respectfully submitted,



David B. Smith  
Reg. No. 27,595

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Michael Best & Friedrich LLP  
3773 Corporate Parkway Suite 360  
Center Valley, PA 18034  
(610) 798-2170

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Version With Markings to Show Changes Made

1. (Amended) A separator for axial actuators including two positioner rings comprising at least three pairs of spiral raceways each movable contrary to the other, the separator comprising three spacers [(4A, 4B, 4C)] at least spirally interconnected to comply with the shape of the raceways in reducing the friction between said positioner rings [(10, 12)], whereby rotation of one positioner ring results in axial motion of the other positioner ring.

2. (Amended) The separator as set forth in claim 1 wherein said spacers [(4A, 4B, 4C)] are made of a friction-reducing material.

3. (Amended) The separator as set forth in claim 2, comprising

- a) three spiral surfaces [(4A, 4B, 4C)] each describing a circular arc of approx. 120° in roughly the width of said raceways and
- b) at least one cylindrical sleeve[(6)],
- c) whereby said spiral surfaces are secured to the inner or outer circumference of said at least one cylindrical sleeve[(6)].

4. (Amended) The separator as set forth in claim 2, comprising

- a) three spiral surfaces [(4A, 4B, 4C)] each describing a circular arc of approx. 120° in roughly the width of said raceways and
- b) two cylindrical concentric sleeves [(6, 6A)] differing in diameter,
- c) whereby said spiral surfaces [(4A, 4B, 4C)] are secured between said cylindrical sleeves [(6, 6A)].

6. (Amended) The separator as set forth in claim 1 wherein said spacers [(4A, 4B, 4C)] comprise

- a) a cage complying to said three spirally ascending spiral surfaces each describing a circular arc of approx. 120° in roughly the width of said raceways,
- b) said cage comprising rolling elements conventionally connected thereto.

10. (Amended) The separator as set forth in [any of the] claim[s] 2 [to 5] wherein said friction-reducing material is a bronze alloy or a plastics material.

11. (Amended) The separator as set forth in [any of the] claim[s] 6 [to 9] wherein said rolling elements [(8)] are rollers or needles.

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